

**Notice of Allowability**

Application No.

10/606,931

Examiner

Hwei-Siu C. Payer

Applicant(s)

MENZA-WILMOT ET AL.

Art Unit

3724

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 6-20-2006.
2. ☒ The allowed claim(s) is/are 1,3,4 and 12-14.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

Hwei-Siu Payer  
Primary Examiner

### **Examiner's Amendment**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

#### **In the Specification:**

(1) On page 1, lines 1-2, has been changed to --METHOD FOR MAKING A POLYCRYSTALLINE DIAMOND INSERT DRILL BIT BODY--.

(2) On page 1, line 6, after "2000", --, now U.S. Patent No. 6,823,952-- has been added.

(3) On page 1, paragraph [0001] has been rewritten as follows:

--The invention is related to the field of fixed cutter bits used to drill wellbores through earth formations. More specifically, the invention is related to structures for, and methods for making, alloy bodies for polycrystalline diamond compact cutter drill bits.--.

#### **In the Claims:**

(1) In claim 3, line 1, after "wherein", --the step of selecting-- has been added.

(2) In claim 3, line 2, after "comprises", --selecting-- has been added.

(3) In claim 3, line 2, after "body", --for said displacement-- has been added.

(4) In claim 4, line 1, after "wherein", --the step of selecting the displacement comprises extending-- has been added.

(5) In claim 4, line 1, "extends" has been deleted.

(6) In claim 13, line 1, after "wherein", --the step of selecting the displacement comprises having-- has been added.

(7) In claim 13, line 1, "has" has been changed to --with--.

(8) In claim 14, line 1, after "wherein", --the step of selecting the displacement comprises extending-- has been added.

(9) In claim 14, line 1, "extends" has been deleted.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Jeffrey S. Bergman on September 11, 2006.

### **Point of Contact**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hwei-Siu C. Payer whose telephone number is 571-272-4511. The examiner can normally be reached on Monday through Friday, 7:00 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Boyer Ashley can be reached on 571-272-4502. The fax phone numbers for the organization where this application or proceeding is assigned are 571-273-8300 for official communications and 571-273-4511 for proposed amendments.

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*Hsueh Payer*

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September 11, 2006

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